15

Allestree. 1617.

¶ A New Alma-

nacke and Prognosti-

cation, for this yeare of our

Lord God. 1617.

Being the first from the Leape-yeare.

¶ Rectified and written, especially for the Elevation of the Pole Artick and Meridian of the Famous Towne of Derby: and may serue generally for the most part of Great-Britaine.

¶ Made and written according to lawfull Art by Richard Allestree, Practitioner in Siderali Scientia.

Deut. 29, 29.

The secret things belong to the Lord our God, but the things reuealed belong vnto vs, and to our children for euer.

Printed for the Company of Stationers. 1617.

A note of the Moueable Feasts this yeare of our Lord God, 1617. according to our English or Iulian accompt.

The ayme or golden number is:	3
The circle of the Sun	2
The Epact.	3
The Roman Induction	15
The Dominicall Letter is	G
Shroue sunday is	March 2
Ashwednesday is	March 5
Easter day is	Aprill 20
Rogation sunday is	May 25
Ascention day is	May 29
whitsunday is	June 8
Aduent sunday is	November 30
Trinity sunday, is	May 31
Betwixt whitsontide and midsomer is	2 weeks 2 dayes
Betwixt Christide and Shrouetide is	9 weeks 4 daies.

In the last Collume of this my Almanacke, towardes the right hand, you haue the houre and minutes of Sun rising for euery day in the yeare, Psa. 104, 22. which heures and minutes are halfe the length of the same night, as the 8. of Ianuary, the sun riseth at 8 a clocke, which being doubled, maketh 16 howers, and no minutes, the length of that night. And to know the time of the sunne setting, take the howres and min: found in the Almanack for sun rising from 12. and you shall haue the sun-setting left, and the remainder sheweth the length of the day. As for example, Ian. the 8. sun riseth at 8. & 0 minutes doubled, is 16 and no min: the length of that night: & 8 & no minuts subducted from 12, there resteth 4: the Sun setting that day.

The beginning and ending of the termes with their Returnes this preſent yeare 1617.

℄ Hillarie Terme **beginneth the 23. date of January and endeth the 12. of Febꝛuary, & hath foure returnes**

Octabis Hillarij. } { Craſtino Purifica.
Quind. Hillarij. } { Octabis Purifica.

℄ Eaſter Terme **beginneth the 6. of May, and endeth the 2 of June and hath 5 returnes,**

Quind. paſchæ. } { Quinque paſchæ.
Tres paſchæ. } Menſe paſchæ. { Craſti Aſcention.

℄ Trinitie Term **beginneth the 20 of June, and endeth on the 9. of July, and hath foure Returnes, that is to ſay.**

Craſti Trinitatis. } { Quind. trinitatis.
Octabis Trinitatis. } { Tres trinitatis.

℄ Michaelmas Terme **beginneth the 9. day of October, and endeth the 28. of November. And hath 8. Returnes, that is to ſay.**

Octabis Michael. } { Craſt. Animarum.
Quind. Michael. } { Craſt. Martinij.
Tres Michael. } { Octabis Martinij.
Menſe Michael. } { Quind. Martinij.

℄ **Note alſo that the Exchequer openeth eight dates before any Tearme beginne, except Trinity Tearme, in which it openeth foure dates before.**

Since the beginning of the raigne of our King James, the first of England, Compleat in March 24. is 14. yeares, but Current, 15.
And of Scotland Current. 51.

The Anathomy of mans body, as the parts there-
of are gouerned by the 12. ſignes of the
Zodiaque.

Aries the head and face.

Taurus Necke & throat

Cancer Breaſt ſtomak & ribs.

Virgo bowels & belly.

Scorpio Secret members.

Capricornus knees

Gemin Armes & ſhoulders.

Leo Heart & backe.

Libra Reines & lotnes

Sagitarius Thigh

Aquar. & he legges.

Piſces the fete

♈ Aries ♉ Taurus ♊ Gemini ♋ Cancer ♌ Leo ♍ Virgo ♎ Libra ♏ Scorpio ♐ Sagitarius ♑ Capricorne ♒ Aquarius ♓ Piſces.

Ianuary hath xxxj. dayes.

☽ First quart. the iiii. day at 5. a clock, & x. m. bef. noone.
● Ful moone the 11 daie at vi. and 20 min after noone.
☽ Last quart. the 19 day, at 11 and 16 min. after noone.
● New moon the 27 day, at 45 min. in the morning.

i	a	New yea. day	pisces	15	8, 8	
ii	b	Oct. Steph.	Pisces	30	8, 8	
iii	c	Oct. John.	Aries	15	8, 7	
iiii	d	Oct. Inno.	Aries	29	8, 6	
v	E	Oct. Thom.	Taurus	13	8, 4	2. sun. af. nat.
vi	f	Twelfe day	Taurus	27	8, 2	
vii	g	Lucian priest	Gemini	9	8. 1	
viii	a	Lucian bish.	Gemini	22	8, 0	
ix	b	Solin Aquar.	Cancer	5	7,58	
x	c	Paul Era.	Cancer	17	7.57	
xi	d	Linus mart.	Cancer	29	7 55	
xii	E	Arcard mart.	Leo	12	7,54	1 sun. af. Epi
xiii	f	Hillary Bish	Leo	23	7,52	
xiiii	g	Felicia	Virgo	5	7 51	
xv	a	Maurice	virgo	19	7,5[illegible]	
xvi	b	Marcel. Bish	virgo	28	7,48	
xvii	c	Sulpici bish.	libra	9	7,46	
xviii	d	Price virgin.	libr	22	7,45	
xix	E	Wolstane bish	scorpio	5	7,43	2 su. af. epiph
xx	f	Octa. Hillarie	scorpio	18	7 42	
xxi	g	Agnus virg.	Sagitar.	1	7,30	
xxii	a	Vincentij feb	Sagit.	14	7,37	
xxiii	b	Dearm begi.	Sagit.	27	7,35	
xxiiii	c	Timothy	Capric.	11	7,34	
xxv	d	Con. of Paul	Capric.	26	7,32	
xxvi	E	Policarp bish	aquarius	10	7,30	3 sun. af. Epi.
xxvii	f	Quind Hillari	aqua.	25	7 28	
xxviii	g	Julian bish.	Pisces	10	7,26	
xxix	a	Valerius bish	Pisces	2[illegible]	7,24	
xxx	b	Batild e Qu.	aries	10	7,22	
xxxi	c	Saturnus	aries	2[illegible]	7,20	

February hath xxviii. dayes.

First quarter the 2 day, at 3 and 58 min. in the aftern.
Full moon the 10 day, at 1 a clock & 27. m. afternoon
Last quarter the 18 day, at 3 and 52 minuts aftern.
New moon the 25. day, at 10 and 21 min: afternoone

i	d	Bridget Fast	Tauru	9	7,18	
ii	e	Purif: Mar	taurus	23	7,17	4 sun. af. Epi.
iii	f	Crast: Purif	Gemini	6	7,15	
iiii	g	Gilbert bish.	Gemini	19	7,13	
v	a	Agathe virg.	Cancer	2	7,11	
vi	b	Dorothy vir	Cancer	14	7, 9	
vii	c	Angle Bish.	Cancer	27	7, 7	
viii	d	Solin pisces	Leo	9	7, 5	
ix	e	Apoline virg	Leo	20	7, 3	5 su. af. epiph
x	f	Octab. Purifi.	Virgo	2	7, 1	
xi	g	Eufrast virg.	Virgo	14	6,59	
xii	a	Cearm endi	virgo	25	6,57	
xiii	b	Wolfrant.	Libra	7	6,54	
xiiii	c	S. Valentine	Libra	19	6,52	
xv	d	Faustine	Scorp.	1	6,50	
xvi	e	Julian	Scorpio	13	6,48	Septu. sund.
xvii	f	pollicron	scorpio	26	6,46	
xviii	g	Simon bish	sagitari.	9	6 44	
xix	a	Sabine mar.	sagitari.	22	6,42	
xx	b	Mildred virg	Capric.	6	6,40	
xxi	c	79 martyrs	Capric.	20	6,38	
xxii	d	Cathed Pet.	Aquari,	4	6,36	
xxiii	e	policarp Fast	Aquari.	19	6,34	Sexagis. sun
xxiiii	f	Mathias Ap.	Pisces	4	6,32	
xxv	g	Inn. Pauke	Pisces	19	6,30	
xxvi	a	Fortunatus.	aries	4	6,28	
xxvii	b	Augustine	Aries	19	6,25	
xxviii	c	Oswald Br	Taurus	3	6,23	

March hath xxxi. dayes.

First quarter the 4 day, at 4 and 46 m. before noone
Full moone the 12 day, at 7 and 32 m. in the morn.
Last quarter the 20 day at 4 and 24 m. in the morn.
New moone the 26 day, at 7 and 2 min. afternoon.

i	d	Dauid	taurus	18	6,21	
ii	E	Chad	gemini	1	6,19	Shroue sun. d
iii	f	Maurice	gemini	15	6,17	
iiii	g	Adrian	gemini	28	6,15	
v	a	focas	Cancer	11	6,13	
vi	b	Victorie	Cancer	23	6,10	
vii	c	Perpetue	Leo	6	6, 8	
viii	d	felice depo.	Leo	18	6, 6	
ix	E	Apoline	Leo	29	6, 4	1 sun. in Lent
x	f	Solinaties.	Virgo	11	6, 2	
xi	g	Eq. da. & nig.	Virgo	23	6, 0	
xii	a	Gregory	Libra	4	5,58	
xiii	b	Theodore	Libra	16	5,56	
xiiii	c	Longini	Libra	28	5,54	
xv	d	Hillarie	Scorpi	10	5,52	
xvi	E	Patricke	scorpio	22	5,50	2 sun. in Lent
xvii	f	gertrude	Sagit.	5	5,47	
xviii	g	Edward	sagit.	18	5,45	
xix	a	Joseph	Capric.	1	5,43	
xx	q	Cuthbert	Capric	14	5,41	
xxi	c	benedicti	Capric.	28	5,39	
xxii	d	paulinus	aquar.	12	5,37	
xxiii	E	Theodore	aquari	27	5,35	3 sun. in Lent
xxiiii	f	Inis. reg. Jaco	Pisces	12	5,33	
xxv	g	Annu. of Ma	Pisces	27	5,30	
xxvi	a	Castor Pol.	Aries	12	5.28	
xxvii	b	Martian	Aries	27	5,26	
xxviii	c	Dorothy	taurus	12	5,24	
xxix	d	Victory	scorpio	26	5,22	
xxx	E	Quirini	Gemini	10	5,20	4 sun. in Lent
xxxi	f	Adelme.	gemini	23	5,18	

Aprill hathxxx. daies.

First quarter the 2 day, at 7 and 45 min. afternoone.
Full moone the 10 day, at 11 and 40 min. afternoone
Last quarter the 18 day, at 2 and 11 minu. afternoon
New moone the 25 day, at 5 and 2 min. afternoone.

i	g	Theodore.	Cancer	6	5,16	
ii	a	Marie Egipt	Cancer	19	5,14	
iii	b	Richard byſh	Leo	2	5,12	
iiii	c	Ambro. Biſh	Leo	14	5,10	
v	d	Martian	Leo	26	5, 8	
vi	e	Sextus	Virgo	8	5, 6	
vii	f	Euſemie	virgo	20	5, 5	
viii	g	Egiſippus.	Libra	3	5. 3	
ix	a	Perpetuus	Libra	14	5, 2	
x	b	Solin taurus.	Libr.	25	5. 0	
xi	c	Guthiatus	Scorpi	7	4,57	
xii	d	Julius	Scorp.	19	4,55	
xiii	e	Zeno biſhop.	ſagitar	2	4,53	
xiiii	f	Tiburti	Sagit	14	4,51	
xv	g	Oſwald biſh.	Sagitt.	27	4 49	
xvi	a	Jſidore	Capric.	10	4,47	
xvii	b	Oſmund	Capric.	24	4,44	
xviii	c	Eutherius	Aquari.	8	4,42	
xix	d	Alphage	Aquari.	22	4.40	
xx	e	Eaſter day.	piſces	7	4,38	
xxi	f	Simon byſh	piſces	21	4,36	
xxii	g	Mother virg.	aries	6	4,34	
xxiii	a	S. Georg.	aries	21	4,32	
xxiiii	b	Wilfrid laſt	Taurus	6	4,30	
xxv	c	S. Marke	taurus	20	4,28	
xxvi	d	Clete biſh. op	Gemini	4	4,26	
xxvii	e	Anaſtaſ. di	Gemini	18	4 25	
xxviii	f	Vitalis	Cancer	1	4 23	
xxix	g	Peter of mil.	Cancer	14	4 21	
xxx	a	Erkinwald	Cancer	27	4,19	

May hath xxxj. daies.

☽ First quart. the 1. day, at midnight.
☾ Ful moon the 10. day, at one a clock, 38 m. afternoone.
☾ Last quarter the 17 day, at 6 and 47 min. afternoone.
● New moone the 25 day, 51 min. in the morning.

i	b	Poil. & Jac	Leo	10	4,17	
ii	c	Athanasius	Leo	22	4,16	
iii	d	Hellen	Virgo	4	4,14	
iiii	E	Christopher.	Virgo	16	4,12	2 sun: af. Easte
v	f	quind. Pasch.	virgo	18	4,10	
vi	g	John Portla	Libra	10	4, 9	
vii	a	Tertius begin	Libra	22	4, 7	
viii	b	Appa. s, Mic.	scorpio	3	4, 5	
ix	c	trans. Micho.	scorpio	17	4, 3	
x	d	Gordion. bish	Scorpio	2[illegible]	4, 2	
xi	E	Sol in gemini	Sagita.	11	4, 1	3 sun: af. Easte
xii	f	Tres Pasches.	sagitari.	24	4, 0	
xiii	g	Serua Ep.	capricor.	7	[illegible],59	
xiiii	a	bonifacius	Capric.	2[illegible]	3,58	
xv	b	Sophie	Aquarr.	4	3,56	
xvi	c	brandon byst	Aquar	18	3,54	
xvii	d	bernard	pisces	3	3,53	
xviii	E	Dunstan. bi	pisces	17	3,52	4 sun: af. Easte
xix	f	Mense Pasch.	Aries	2	3,51	
xx	g	Barnard	Aries	16	3,50	
xxi	a	Hellen Quæ	taurus	1	3,49	
xxii	b	Julian virg.	taurus	15	3,48	
xxiii	c	Desiderie.	Taurus	29	3,48	
xxiiii	d	franscis. tran.	Temin	13	3,47	
xxv	E	Urbane	Gemini	26	3,46	5 sun: af. Easte
xxvi	f	quinque Pasc.	cancer	9	3,45	
xxvii	g	Bede Priest	cancer	22	3,44	
xxviii	a	Germane.	Leo	5	3,43	
xxix	b	Ascension. Da	Leo	17	3,43	
xxx	c	Felix bishop.	Leo	30	3,42	
xxxi	d	Petron. virg	Virgo	12	3,41	

Iune hath xxx. dayes.

First quarter the 1 day at 4 and 58 min: before noon
Full moone the 9 day, at 1 and 2 min: before noone
Last quarter the 15 day, at 11 a clock bef. midnight.
New moon the 22 day, at 11 and 25 m. bef. midnight
First quarter the last day at 10 and 10 m. bef. midnig.

i	E	Nichomede	Virgo	24	3,41	Iun. at Ascen.
ii	f	Terme ends	Libra	6	3,40	
iii	g	Erasmus	Libra	18	3,40	
iiii	a	Petrosse	scorpio	0	3,40	
v	b	Boniface bish	Scorp.	13	3, 39	
vi	c	Melones	Scorpio	25	3, 39	
vii	d	Wolstan tran	Sagit	8	3, 39	
viii	E	Medard	sagit	21	3, 39	Whitsunday
ix	f	Edmund tra	capric.	4	3, 39	
x	g	Getulie	Capric.	17	3, 39	
xi	a	Barnaby	Aquar.	1	3, 39	
xii	b	Sol in cance	Aquar.	15	3, 39	
xiii	c	Anthony	Aquari.	29	3, 39	
xiiii	d	Basillidis	Pisces	13	3, 39	
xv	E	marcelli	pisces	28	3, 39	Trinity sund
xvi	f	Crast. Trin.	Aries	12	3, 39	
xvii	g	Botolph ma,	aries	22	3, 39	
xviii	a	Geruasius	taurus	11	3,40	
xix	b	Edward	taurus	25	3,40	
xx	c	Terme begin	Gemini	9	3,40	
xxi	d	Walburge	gemini	22	3,41	
xxii	E	Alban mart.	Cancer	5	3,41	1 su. af. Trin
xxiii	f	Octabis Trin.	Cancer	18	3,42	
xxiiii	g	John Bapt	Leo	0	3,43	
xxv	a	Eligij trans.	Leo	13	3,43	
xxvi	b	John & paul.	Leo	26	3,44	
xxvii	c	Erestentes	Virgo	6	3,45	
xxviii	d	Leonis Fast	Virgo	20	3,46	
xxix	E	S Peter	Libra	1	3,47	2 sun. af. trin
xxx	f	quind, Trin.	libra	14	3,48	

Iuly hath xxxj. daies.

Full moone the 8 day, 42 minutes before noone.
Laſt quarter the 15 day, at 2 and 6 min. before noone
New moone the 22. day, 50 min: before noon.
First quarter the 30 day, at 2 and 41 min afternoone

i	g	Oct. Io. bap.	Libra	26	3, 49	
ii	a	Visi. of mary	Scorp	8	3, 50	
iii	b	Transl. Cho.	scorpio	21	3, 51	
iiii	c	Hildrich.	Sagita.	3	3, 52	
v	d	Zoe virgine	Sagita.	16	3, 53	
vi	e	Oct. peter	Sagita.	29	3, 54	3 sem. af. [illegible]
vii	f	Tres Trinita.	Capric.	13	3, 56	
viii	g	Grunbold	Capric.	26	3, 58	
ix	a	[illegible]	aquariu	10	3, 59	
x	b	7 Vzeth. mar.	aquariu.	25	4, 0	
xi	c	Benedict	Pisces	9	4, 1	
xii	d	Nabor & Fe.	Pisces	24	4, 2	
xiii	e	[illegible]	aries	9	4, 3	4 sem. af. [illegible]
xiiii	f	Margaret	aries	24	4, 5	
xv	g	Swithins da	Taurus	7	4, 6	
xvi	a	Transl. Olim.	taurus	22	4, 8	
xvii	b	Alexij.	Gemini	5	4, 9	
xviii	c	Arnolph	Gemini	19	4, 10	
xix	d	Rufine	Cancer	2	4, 12	
xx	e	[illegible]	Cancer	15	4, 14	5 sum. af. [illegible]
xxi	f	Praxide virg	Cancer	27	4, 16	
xxii	g	Mar. Mag.	Leo	9	4, 17	
xxiii	a	Apelinc bish.	Leo	22	4, 19	
xxiiii	b	Christ. Fail	Virgo	4	4, 21	
xxv	c	[illegible]	Virgo	16	4, 23	
xxvi	d	Anna	Virgo	27	4, 25	
xxvii	e	vij. Sleepers	Libra	9	4, 26	6 sem. af. [illegible]
xxviii	f	Sampf. bish.	Libra	21	4, 28	
xxix	g	Martha	scorp.	3	4, 30	
xxx	a	Abdon & sen	Scorp	16	4, 32	
xxxi	b	Germane	scorp.	28	4, 34	

Auguſt hath xxxi. dayes.

Full moon the 6 day, at 7 and 51 min: at night.
Laſt quarter the 13 day, 3 min. before noone.
New moone the 21 day, at 2 and 23 m. in the morn.
First quarter the 29 day, at 5 and 57 m. in the morn.

1	c	Lammas day	ſagitar.	11	4,36	
2	d	Stephen bilh	Sagit.	23	4,38	
3	e	Inue. of Ste.	Capric.	7	4,40	6 ſu. af. Trin.
4	f	feſt. Minis	Capric.	21	4,42	
5	g	Sowz conſp.	Aquar.	5	4,44	
6	a	Juſtin prieſt.	Aquar.	19	4,47	
7	b	Feaſt of Jeſ.	piſces	4	4,49	
8	c	Cirriaci	piſces	19	4,51	
9	d	Romaine mar	aries	4	4,53	
10	e	Laurance mar	aries	18	4,55	7 ſun. af. trin.
11	f	Tiburt mare	Tau	3	4,57	
12	g	Sol in virgo	Taur.	18	4,59	
13	a	Hipollite	Gemini	2	5, 1	
14	b	Eutebius	Gemini	16	5, 3	
15	c	aſſump. mary	Gemini	29	5, 5	
16	d	Roch. mart.	Cancer	12	5, 6	
17	e	Oct. Lawra.	Cancer	24	5, 8	8 ſun af. trin.
18	f	agapite mart.	leo	7	5,10	
19	g	Magnus ma.	leo	18	5,12	
20	a	Leonard	virgo	0	5,14	
21	b	Barnard con	virgo	13	5,16	
22	c	Oct mary	virgo	24	5,18	
23	d	Timoth. faſt	libra	6	5,20	
24	e	Barthol Ap.	libra	18	5,22	9 ſun. af. trin.
25	f	Ludouicie	Libra	30	5,24	
26	g	Seuerine	Scorpi	12	5,26	
27	a	Dog dat end	ſcorpio	24	5,28	
28	b	auguſtine	Sagitar	6	5,30	
29	c	Joh: beheded	Sagita	19	5,32	
30	d	felix	Capri	2	5,33	
31	e	Tutberge	Capric.	15	5,35	10 ſu. af. trin.

September hath xxx. daies.

full moone the 5. day, at 4 a clocke in the morning.
Last quart: the 11. at 7 and 23 min. after noone.
New moon the 19. day, at 6 and 33 min. after noone
First quarter the xxvii day, 27 min: afternoone.

i	f	Giles Abbot	capric.	30	5,37	
ii	g	Antho mart.	Aquari.	13	5,2	
iii	a	Ordin. Greg.	Aquari.	29	5,41	
iiii	b	Tra of Cuth	Pisces	12	5,43	
v	c	Herculus	Pisces	28	5,45	
vi	d	Eugentus.	Aries	12	5,47	
vii	e	Nat. D. Eliz	Aries	27	5,50	1 sm. a l. trin.
viii	f	Nat. Mary	Taurus	13	5,52	
ix	g	Gorgonius	Taurus	27	5,54	
x	a	Silvius	Gemini	11	5,56	
xi	b	Proth. Jacob	Gemini	25	5,58	
xii	c	Marcimau	Cancer	8	6,0	
xiii	d	Solu libra	Cancer	21	6, 2	
xiiii	e	Holy Crosse	Leo	4	6, 4	12 m. af. trin.
xv	f	Oct of Mar	Leo	16	6, 6	
xvi	g	Edith virgin	Leo	28	6, 8	
xvii	a	Lambert bish.	Virgo	9	6,10	
xviii	b	Januar. mar.	virgo	22	6,13	
xix	c	Aletorius	Libr.	4	6,15	
xx	d	Eustace. Fast	Libr.	15	6,17	
xxi	e	Matthew ap	Libra	28	6,19	13 sa. af. trin.
xxii	f	Tecla virgin,	Scor.	8	6,21	
xxiii	g	Androc. mar.	Scorp.	20	6,23	
xxiiii	a	Secla virgin	Sagit.	2	6 25	
xxv	b	Firmine.	Sagit.	15	6,28	
xxvi	c	Cipzian	Sagit.	28	6,30	
xxvii	d	Cosme & Da	capric.	10	6, 2	
xxviii	e	Exuperi. fast	Capric.	24	6,34	14 sa. af. trin.
xxix	f	Michael arch	Aquarius	8	6,36	
xxx	g	Hierom priest	Aquari.	22	6,38	

October hath xxxj. dayes.

Full moone the 5 day, 28 minutes in the morning.
Last quarter the 11 day, 52 min. in the morn.
New moone the 20 day, 23 min. in the morn.
First quarter the 27. day, at 7 and 23 m. in the morn.

i	a	Remigius.	Pisces	6	6,40
ii	b	Leodeger.	Pisces	21	6,42
iii	c	Candide mar.	Aries	6	6,44
iiii	d	Francis conf.	Aries	21	6,46
v	e	Apollinarius	Tauru	6	6,48
vi	f	Octab: Mich:	Taurus	21	6,50
vii	g	Marci. & mar.	Gemini	5	6,52
viii	a	Pelagius vir.	Gemini	19	6,54
ix	b	Terme begin	Cancer	3	6,57
x	c	Gedeon	Cancer	16	6,59
xi	d	Michael, virg.	Cancer	30	7, 1
xii	e	Wilfrid.	Leo	13	7, 3
xiii	f	[illegible]	Leo	24	7, 5
xiiii	g	Talfry	Virgo	7	7, 7
xv	a	Wistan bish.	Virgo	19	7, 9
xvi	b	My cha. mon.	Libra	1	7,11
xvii	c	Etheldr. fast	Libra	13	7,13
xviii	d	[illegible]	Libra	24	7,15
xix	e	Frideswide	Scorpio	6	7,17
xx	f	Trans: Michae.	Scorpio	18	7,20
xxi	g	Ursula Virg:	Scorpi	29	7,22
xxii	a	Saue. Mary	Sagit.	12	7,24
xxiii	b	Roman arch.	Sagit.	25	7,26
xxiiii	c	Maglory	Capric.	7	7,28
xxv	d	Crisp & Cris.	Capric.	20	7,30
xxvi	e	Mens: Mich.	aquarius	3	7,32
xxvii	f	Florence fast	aquar.	17	7,34
xxviii	g	Sim. & Jude	Pisces	1	7,35
xxix	a	Marcellus	Pisces	15	7,37
xxx	b	German bish	Pisces	3	7,39
xxxi	c	Quintine	aries	15	7, 1

November hath xxx. daies.

Full moonthe 2 day, at 10 and 16. min. afternoone.
Last quarter the 10 day, at 2 and 30 m. in the morning
New moon the 18 day, at 6 and 27 m. before noone.
First quart. the 25. day, at 5 and 16 min. afternoone.

i	d	All Saints	aries	30	7,43	
ii	E	Omnium Ani	taurus	15	7,44	19 su: af. trin.
iii	f	Cra st. An'm.	Taurus	29	7,46	
iiii	g	amantius	gemini	14	7,48	
v	a	Papist coulpi	Gemini	28	7,50	
vi	b	Leonard	Cancer	10	7,51	
vii	c	Wilbrood	cancer	25	7,52	
viii	d	4. Crowned	Leo	8	7,54	
ix	E	Theodore	Leo	20	7,55	20 su: af. trin.
x	f	Triphonis	virgo	3	7,57	
xi	g	Martine bysh	Virgo	15	7,58	
xii	a	Sol in sagit.	Virgo	28	8, 0	Crasti Martini
xiii	b	Brice	Libra	9	8, 1	
xiiii	c	Erkin. wal.	Libra	21	8, 2	
xv	d	Gugeni	Scorpi,	2	8, 4	
xvi	E	Edmond dep.	Scorpi.	15	8, 6	21 su. af. trin.
xvii	f	Q. Elizabeth	scorp.	27	8, 7	
xviii	g	Octab. mart.	sagit.	9	8, 8	
xix	a	Octa Martini.	sagit.	21	8, 9	
xx	b	Edmund kin.	Capric	4	8,10	
xxi	c	pres of mar	Capri	18	8,11	
xxii	d	Cicely virgin	capric.	30	8,12	
xxiii	E	Clement bish	aquari.	13	8,13	22 sun. af. tri.
xxiiii	f	Grifogonius	Aquari.	27	8,14	
xxv	g	Katherine	Pisces	11	8,15	
xxvi	a	quind. mar.	Pisces	25	8,16	
xxvii	b	agricola	aries	10	8,17	
xxviii	c	Terme ends	Aries	25	8,17	
xxix	d	fast	Taurus	9	8.18	
xxx	E	Andrew Ap	Taur.	24	8,19	Advent sund

December hath xxxj. dayes.

Full moone the ii. day, at 9 and 55 min. before noone.
Last quarter the 9 day at 10 and 55 min after noone.
New moone the 17 day, at 11 and 27 min: after noone
First quarter the 25 day, about one in the morning.

i	f	Eligii Bysh.	gemini 8	8,19	
ii	g	Libian mart	Gemini 22	8,20	
iii	a	Dep. of Olm	Cancer 6	8,20	
iiii	b	Barbary vir.	Cancer 14	8,20	
v	c	sabbe Abbot	Cancer 25	8,21	
vi	d	Micholas	Leo 15	8,21	
vii	e	Oct of. Ind.	Leo 28	8,21	
viii	f	Con of mary	virg 11	8,22	
ix	g	Cyprian Ab.	virgo 23	8,22	
x	a	Eulalia virg.	Libra 5	8,22	
xi	b	Damascus	Libra 17	8,22	
xii	c		Libra 29	8,22	
xiii	d	Luce virgin	Scorpi 11	8,22	
xiiii	e	Michaele	scorpio 23	8,22	
xv	f	Valeri bishop	Sagit. 4	8,21	
xvi	g	Sapientia	Sagit 18	8,21	
xvii	a	Lazarus	capric. 1	8,2	
xviii	b	Gracian	Capric 13	8,20	
xix	c	Veneti virgin	Capric. 27	8,20	
xx	d	Julian. fast	Aqua. 10	8,20	
xxi	e		Aqu. 23	8, 9	
xxii	f	20 martyrs.	pisces 7	8,19	
xxiii	g	Victories	pisces 22	8,18	
xxiiii	a	Candid. Fast	Aries 6	8,17	
xxv	b		Aries 20	8,17	
xxvi	c		taurus 5	8,16	
xxvii	d		taurus 19	8,15	
xxviii	e		Gemini 4	8,14	
xxix	f	Tho. Becket.	Gemini 18	8,1	
xxx	g	Jacob transf.	Canc. 1	8,12	
xxxi	a	Silvester bish	Cancer 15	8, 0	

Allestree. 1617.

A Christian

Prognostication, for this present yeare of our Lord GOD.

1617.

A Subiect well meriting the approbation of the Iudicious, who best know how to confirme their knowledge, containing a declaration of the time of the Eclipse, the foure Quarters of the yeare, and a Table to know the rysing and setting of the Moone, a Table to know the houer of the day with a Staffe or Rule.

The like whereof for variety of Discourse, mixed with profite, and modest delight, hath not heretofore been published.

By *Richard Allestree*, practitioner in *Siderali scientia*.

Residens super æthere cuncta
Rex Deus gubernat.

Imprinted at London for the *Companie of Stationers*.

1617.

TO THE VNDERSTANDING REDER.

VNderſtanding Reader, if not for mine owne ſake, or the worthines of the thing it ſelfe; yet for the conſideration and conſequence of the Argument, I would wiſh thee to admit of the ſame for the beſt New yeares-gift, that ſuch a Scholler can beſtow: which albeit in reſpect of the baſe handling, it be nothing worthy the view; yet I am perſwaded by ſome Friends, (who are to ouertule me in a greater matter) to aduenture the publication thereof: Now to vſe the Poets phraſe, *Adhuc mea meſsis in herba eſt*, If this my Almanacke come not foorth to publicke view, it is not my fault (for I may ſay as the diſeaſed man ſaid to *Chriſt* that lay at the Poole cald *Bethesda*, *Sir, I haue no man to put me into the Poole; but while I am comming, another ſteppeth downe before me. Iob. 5. 7*) for I haue written theſe two yeares laſt paſt, and for want of a Patron, or that one had ſtept in before me: or that I had written more then could be printed within two ſheetes and a halfe of Paper, &c. My labours would neuer be admitted to the Preſſe. My meaning is not to perfect *Apelles* Picture; or to teach him, of whom I may learne: But to do as much for my native Country in this Subiect as my reading will extend. Now for my defence, ſee this notable Iudgement and Authority of *Dauid Chitræus*, *De ſtudio Theologiæ rectè inchoando*; where *Chitræus* words are *verbatim* theſe: *Arithmeticæ, Aſtronomiæ cognitio, in Eccleſia, ad doctrinam de Anno, & Calendarij conſeruationem, neceſſaria eſt, Non enim initium mundi, non Exordia & propagatio Eccleſiæ, non ſeres, diuinarum patefactionum, non ordo Imperiorum, non tempora, aduentus Chriſti in carne, & aduentitium, non tempora*

quibus præcipui doctores Eccleſiæ vixerunt, & maximæ res in Eccleſia geſtæ ſant, non ratio celebrandi Paſchalis Judaici, non magnitudo miraculi, quo Sol patiente Chriſto obſcuratus eſt, non talia multa cognitari & intelligi, ſine numeratione Annorum, & initijs doctrinæ Aſtronomicæ poſſunt. A ſufficient reaſon, and ratified, firſt, *Diuino*; and then *Humano teſtimonio*, after this manner: *Ideo Deus ipſe in prima ſtatim ſacræ Scripturæ pagina, habet nos ſpacia motum Solis, & Lunæ, qui dierum, menſium, & annorum metas conſtituunt, & maxime omnium illuſtria Dei, & prouidentiæ diuinæ ſigna ſunt, obſeruare. Vero enim, vt Plato ait, gratiſſima, & omnium dulciſſima de Deo fama, in aſtris, & doctrina aſtrorum ſparſa eſt.* In conſideration of which reſpects, *Nihil agunt cauſæ naturales, quod non diuinæ Artis ordo præceperit.* And, *Omne opus Naturæ, eſt opus intelligentiæ.* I doe not meane all ſuch Workes, which thoſe practiſe, which were, or are vulgarly called *Mathematici, Chaldæi, Arioli, & Diuinatores*, which goe vnder that title (*de Mathematicis, & Vaticinatoribus,*) For they that doe, or teach to doe as thoſe Nations aforeſaid doe, it is abomination vnto the Lord. I pray you read Gods word for proofe, in *Deut.* 18. 10. & 11. ver. Vnderſtand thy ſelfe (Reader) and thou vnderſtands mee: If thou battle at Ordinaries, thou art not for mee; thou haſt thy Witte in the Platters: For I neuer knew him wiſe, that onely delighted to. And thus I commit my good meaning to the iudgement of the honeſt, who are wont to take good meanings euer in the better part. The yeare of our Lord 1616. Aprill 19.

Thine in the Lord, *R. A.*

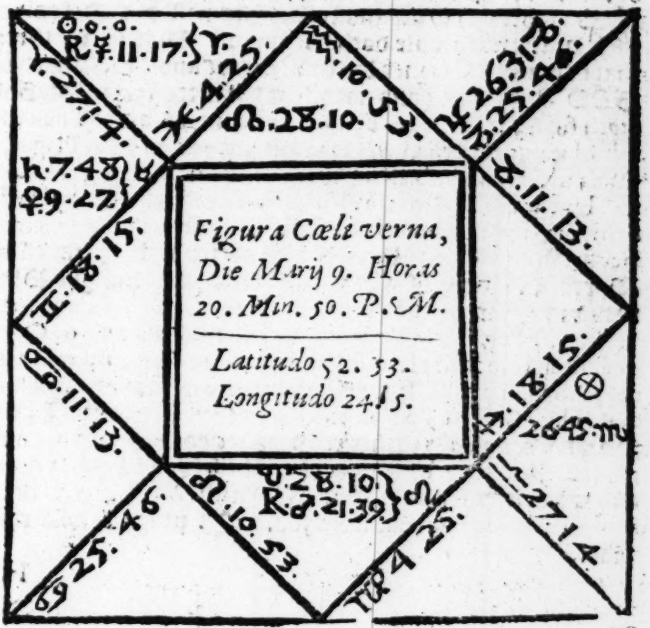
A Deſcription of the

Foure Quarters of this yeare 1617.

And firſt of the Winter quarter.

THis Hyemall Solſticiall, or Winter Quarter, being our laſt quarter Aſtronomicall entred the laſt yeare the 21. day of December, at viii. a clocke and 36. minutes in the morning; at what time, the Sunne entred the firſt minute of the imagined ſigne Capricorne: and continueth vnto the tenth of March, at one of the clocke and 22. minutes in the morning 1617.

Here followeth a Celeſtiall Figure of the Heauens, at the entrance of the Sunne into the firſt minute of the ſuppoſed Signe Aries.



Of the Spring quarter.

THE Vernall Equinoctiall, or the Spring, is the moſt comfortable Quarter in all the yeare, and is of nature warme and moyſt; for the true directer of dayes, the great and Kingly SOL. the naturall comforter of all naturall and earthly Creatures, draweth neere to the Zenith, comming towards the Starres of warme nature, and then the Eaſt winds diſpearcing the ſuperfluous Humors, making the Earth apt to bring forth all her Fruites, for the good and comfort of man. Now the ſuperſtitious, and the iudiciall Aſtrologers, which doe vſe to diuine by the Starres, doth vſe to ſet ſuch a Figure (as in the Page before) to prognoſticate Sicknelſes & Diſeaſes, theſe heathniſh people doth not know, That euery thing that is moued, is moued by the vertue of another, which is GOD Almighty, (and not of the Planets) ſee what God ſayth for ſinne in the 26. chap. Leui. 14. 15. 16 verſ. Then will I alſo doe this vnto you, I will appoynt ouer you an haſty Plague, a Conſumption and the burning Ague to conſume the Eyes, and make the Heart heauie; and you ſhall ſow your ſeede in vaine; And I will ſet my face againſt you, and yee ſhall fall before your Enemies and they ſhall hate you, &c. Heere the Lord ſendeth Sicknelſes, Warre, and want of Corne (himſelfe) and not the Planets and Starres. Thou ſhalt carry out much Seede into the field, and ſhalt gather but little in. Deut. 28. 33. Pſal. 105 16. O yee fooliſh, and blockiſh Heauen-gazers, Moone Prophets, and Diuining Prognoſticators, It is not for you to know the times and ſeaſons, which God hath put in his owne power. Acts. 1. 7. I giue you no other names then the Prophet doth Eſai. 47. 10 and 13 verſ. Yea they will take vpon them to tell both where, and when it will raine. And God ſaith, Amos 4 6, 7. verſ. I haue withholden the raine from you, &c. I pray you looke this place.

The

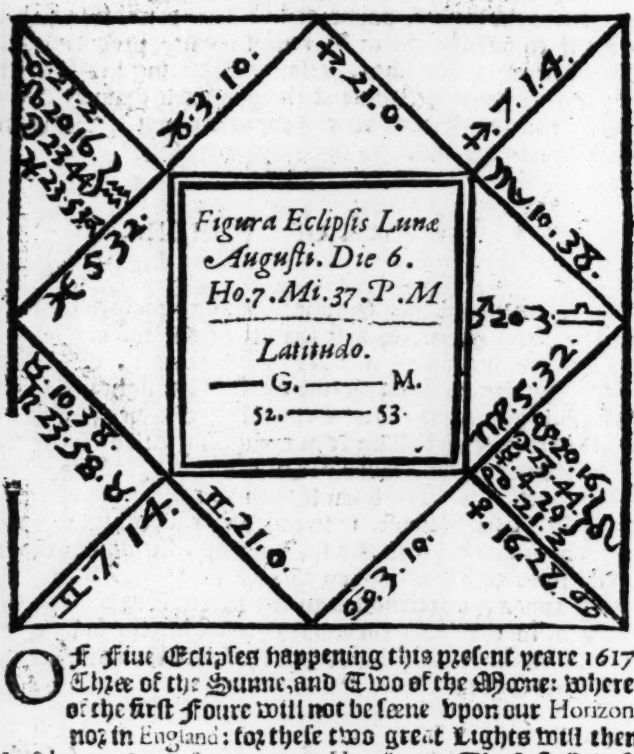
The Sommer Quarter.

SOmmer, according to the rules of Aſtronomie, takes his begeanning this yeare the 11 of June, 10. minute before high noone: at what time, the declining Sunne is mounted to the higheſt poynt of his Aſcendent, being then neereſt to our Zenith, or Verticall poynt, producing the dayes here with vs vnto the longeſt, hauing his firſt ingreſſe into the firſt ſcruple of the imagined Signe Cancer, being run into his further Tropicall poynt Northward from the Equinoctiall.

Of Harueſt, or Autumne.

THe neuer reſting Sunne comming againe to the Equinoctiall poynt, or firſt ſcruple of the imagined ſigne Libra, beginning our Autumnall quarter, or ſeconde Spring, making againe the dayes & nights of equall length, beginneth the 13. of September 23 hower 50. minuts. And here note, that Winter in Latine, is called Hyems, ab hiatu, of opening the Mouth, or Deuowring. Ver the Spring, is ſo called a vireo vires, becauſe then omnia virent, all things flouriſh. Aeſtas Sommer, is ſo called ab æſtu, which is a ſeruore, by reaſon of heate. Laſty, Autumnus, Autumne or Harneſt, is ſo called a bonorum anni augmentatione. And theſe foure times, be reſembled to the foure Regions of the World, to the foure cardinall Windes, to the foure Elements, to the foure Quarters, to the foure Humors, and to the foure Ages.

A Cœleſtiall Figure of the middle of the Eclipſe of the Moone, the vi. of Auguſt, at 7. of the clocke, and 37. minutes after noone. 1617.



OF Fiue Eclipſes happening this preſent yeare 1617. Three of the Sunne, and Two of the Moone: whereof the firſt Foure will not be ſeene vpon our Horizon, nor in England: for theſe two great Lights will then be ſub terra, & non ſupra centrum Horoſcopi. The laſt Eclipſe of the Moone will be preſented to our view vpon the vi. day of

of August, at vij of the clocke and 37. minuts after noone, if it be not hindred by the thicknesse of the Cloudes. The beginning will be at v. of the clocke and 43. minutes after noone here at Derbie. The middest at vij. of the clocke and 37. minuts. The end will be at x. of the clocke and 29. minutes.

The quantity of which Eclipse, will be 16. Digets 45. minuts. The whole continuance thereof (unto us) from the beginning to the end, will be three howers 45. minuts in darknesse.

Now it followeth that I should prognosticate & speake of the Effects, that should happen by this Eclipse; which is wicked, impious, and ungodly: For, Divine atque numine Dei geruntur homines et res, & nunquam de stellis, By the power and authority of GOD, men and all things are governed, and never of the Starres and Planets. So it is not for you, you Heaven-gazers, Prognosticators, and Moone Prophets: It is not for you to know the times or the seasons, which the Father hath put in his owne power. Actes 1. 7. Ne nos addamus inquirere, quod ille non addidit dicere: Let us not seeke the things which are too hard for us: Secret things belong to the Lord; Revealed things unto us. For to divine of things to come, belongeth to GOD alone; and none must be so bold as to chalenge this to himselfe: yet these lyers and deceivers, will by the conjunction of Planets, Eclipses of the Sunne and Moone, take upon them to prognosticate of Plagues, Pestilence, Famine, Warres, subuertion of Kingdomes, Loue and Hatred of Kinsfolke, Mariages, Iniuries and Quarrels, raysing of Rents, eracting of Subsidies by Officers, false Rumors, Imprisonments, hard intreating of Ecclesiasticall persons, Friends fall out for trifles, Fauour of Noble men, and such like. These, and such like, proceed onely from the will of Man. The Constellations of the Starres and Planets, are no causes of them, nor haue no more power to effect these, or any thing else upon man, in or of themselues, then had the Hemme of Christes garment; or the Handkercher of Paul in curing of Diseases:

Which

which was none, for these had no power of themselues to helpe any man. Againe, Omne agens, agit per contactum, Euery thing which hurteth or affecteth another, must necessarily touch the thing which it hurteth or affecteth: For it is a graunted Rule in Nature, that euery Agent worketh vpon the Patient by touching: But the Planets and Starres are absent from vs, and therefore not anaileable to bring vpon vs either good or euill. Yet these tale-telling Astrologers, will take vpon them as if they were Bauds to the Celestiall bodyes, by Coniunctions, and Positions of the Starres; to Prognosticate where and when it shall raine, and scarcenesse of Bread, luckie and vnluckie dayes: It is God that sendeth Dearth and Scarcitie, and commaundeth the Cloudes to giue Raine, and not the Starres. *Psal.* 105. 16. God called a Famine vpon the Land, and vtterly brake the staffe of Bread. Againe, *Amos* 4. 6.7. And therefore haue I giuen you cleannesse of Teeth, &c. sayth the Lord. And also, I haue withholden the Raine from you, when there were yet three Moneths to the Harueſt: and I caused it to Raine vpon one Citie, and haue not caused it to Raine vpon another &c. Yea the Lord sayth, *Leuit.* 19. 26. Yee shall not vse Witchcraft, nor obserue Times, to measure luckie or vnluckie dayes. There is neither Plague nor Punishment commeth to man, without Gods prouidence, and his sending, *Leuit.* 14.34. The Pathes of a man are directed by the Lord: for he knoweth his way. *Psal.* 37. 23. God is Almighty. *Gen.* 17. 1. And therefore to say, and to beleeue that the Planets and Starres doe encline a man to this, or that accidentiall chaunce or fortune, is nothing else, but heathenish and naturall.

Nihil credo auguribus, qui aures verbis diuitant
alienas: suas vt auro locupletent domus,

And God forbid that once Gods Children should haue such a thought: God is the gouernour of all things. *Ier.* 10. 23. O Lord, I know, that the way of man is not in himselfe:

neither

neither is it in man to walke and to direct his ſteps. Againe, *Pſal.* 37.23. The Pathes of a man are directed by the Lord: for he knoweth his way. Then thus ſayth the Lord vnto his Children, *Jer.*10.2. Learne not the way of the Heathen, and be not afraide for the Signes of Heauen, though the Heathen be afraid of them.

Times for certaine things ſuperſtitiouſly attributed to the twelue Signes of the Zodiaque.

Good to ſowe, Set, or Plant, when the Moone is in Taurus, Virgo, Capricorne, and Piſces.

Good to Sow all kind of Corne, when the Moone is in Cancer.

Good to Graffe, when the Moone is in Taurus, and Aquarius, in the increaſe.

Good to ſtop Fluxes, Rhewmes, & Laſkes, the Moone being in Taurus, Virgo, and Capricorne.

Good to enter into Bath, the Moone being in Cancer, Scorpius, and Piſces.

Good to cut Hayre of the Head, for the auoyding of Baldneſſe, in the increaſe of the Moone.

Good to fell Timber for Building, in the Wane of the Moone, for the auoyding of Wormes.

But to fell Wood to burne, that the Stocke may the better grow againe, let the Moone be in her increaſe.

Good to Geld Cattle, the Moone in Aries, Sagittary, or Capricorne, in the increaſe.

Cancer.

A Prognostication.

Concerning Phisicke.

When the Weather is extreame hot, or exceeding cold, it is not then good to Purge, or to let Blood; unlesse that some great necessity doe require it.

There is some that say, No part of mans body ought to be touched with any Chirurgicall Instrument, or Cautere, actuall or potentiall, at what time the Astronomer sayeth the Sunne, or Moone, or Lord of the Ascendent is in the same imaginary Signe, Heathenishly attributed to the part of mans body.

In the first, and third weekes of the Moone, it is best using externall Euacuations, Phlebotomy, Bathes, Cupping, &c. But in the second, and fourth weekes of the Moone, internall Euacuations, because the very spirit and life resteth in the Blood, and that is the chiefest Humor in mans body: For, In Vrinis, Sanguis est fundamentum caloris naturalis, in quo calor naturalis confortatur. Therefore it ought not to be let out, but vpon great occasion, and sound aduice of some learned Phisitian: for otherwise it may make a way to many grieuous Infirmities.

And as concerning Letting of Blood, I say, if it be for the Pestilence, Phrensie, Pluresie, Squinancie, for a continuall burning Ague, a continuall or great Headach proceeding of Choler, or hot superfluous Blood: or for any extreame paine caused by Heate, Choler, or superfluitie of Blood. A man (in all these cases) may not tarry for a cholen day by the Almanacke, because the Patient might die in the meane space, but incontinently with all speed, he must be let Blood, vnlesse he be very weake, and like to sowne.

In Letting of Blood, there be many things to be weighed and considered: therefore I would not with that any man should trust too much to the vnlearned Chirurgion.

Of

Of the Aethereall or Cœlestiall part of the World, and of his Orders.

PArs Cœlestis mundi, called of some, the Aethereall Region, incompasseth and containeth in the concauitie thereof, all the Elementall Region. And this Celestiall part hath in it the seuen Planets, and their Spheres, Firmamentum astriterum, Cœlum crystalinum, Primum mobile, and the Empereall Heauen. Now the Philosophers had no knowledge of the Empereall Heauen: onely the Scriptures teach vs with cayth to beleeue the same; and it is called the Empereall Heauen, by reason of the clearenesse and resplendencie: It is immoueable, made by God, the first day he began his creation of the World, Gen. 1. 1. and by him immediatly replenished with his Ministers, the holy Angels: And it is the foundation of the World, most fine and pure in substance, most round in shape, most great in quantity, most cleare in quality, and most high in place; and hath therein three Hierarchias, holy Orders, or Principalities, called Epiphonia, Epiphonomia, & Euphumia: Now the first hath in it three Orders, as Seraphins, Cherubins, and Thrones: The first, excelling in zelous Loue: the second, in Knowledge: and the third, in Iustice. Epiphonomia hath three Orders; as Principalities, teaching inferiours dutie to their superiours: Powers, chasing away euill Spirits, comforting such as fight in spirituall Battailes: Dominations, teaching men how to behaue themselues in spirituall conflicts. Lastly, Euphumia hath also vnder it three lower Orders, as Vertues, for Comforters: Archangels, shewing Miracles: and Angels, working Miracles. To conclude, here is the abundance of all goodnesse, and perfect felicitie with the priuation of euill.

A Table

A Table to know how long the Moone ſhineth, and when ſhee riſeth and ſetteth: alſo to know the hower of the *night by the ſhadow of the Moone* in any Sunne Dial very eaſily.

The age of the Moone increaſing.	The howers ſhe ſhineth.		The howers to be added, or ſubſtracted.		Her age decreaſing.
D	Ho.	Mi.	Ho.	Mi.	C
1	0	48	0	0	29
2	1	36	10	24	28
3	2	24	9	36	27
4	3	12	8	48	26
5	4	0	8	0	25
6	4	48	7	12	24
7	5	36	6	24	23
8	6	24	5	36	22
9	7	12	4	48	21
10	8	0	4	0	20
11	8	48	3	12	19
12	9	36	2	24	18
13	10	24	1	36	17
14	11	12	0	48	16
15	12	0	0	0	15

THe vſe of this Table is thus; Seeke the age of the Moone in the Kalender, and the ſame found on the one ſide or the other of this Table: then anſwering thereunto, ſhall yee ſee the howers and minuts of her ſhining to be counted from the Sunne ſetting: all the increaſing till the full; and till then, ſhee ſhineth in the euening: and after the full, ſhee ſhineth before the Sunne doth riſe in the morning ſo many howers before the Sunne riſeth, as the Table ſheweth. For her ryſing and ſetting, doe thus: At the increaſe, adde to the howers of the Sunne ryſing, the howers found in the Table, and it ſheweth the hower of her ryſing. Againe, adde to the hower of the Sunne ſetting, the hower and minuts found in the Table, and that is the hower of her ſet-

ſetting. Then after the full, for her ryſing, doe thus: From the Sunne ryſing, take the hower found in the Table, and the reſt ſheweth the ryſing: and from the hower of the Sunne ſetting, take the howers found in the Table, borrowing 12. if the ſubſtraction cannot elſe be made, and the reſt ſheweth the ſetting of the Moone

Now to know what hower of the night it is by the Moone in any Sunne Dial, ſee where the Moone caſteth ſhadow (in the Dial,) then ſeeke the age of the Moone in this Table, as aforeſaid, and from the ſhadow in the Dial, take the hower and minute anſwering to the ſame, in that third Colume in the Table towards the right hand, if the Moone increaſe; and the reſt ſheweth the hower after midnight: but after the full, or the waine adde the ſame, and that ſhewes your deſire.

All theſe aforeſayd, I will make manifeſt by Example.

THe fourth day of Aprill this preſent yeare 1617. the Moone is ten dayes old; wherewith I enter the aforeſayd Table, the Moone increaſing, and I finde 8. howers and 0. minuts, anſwering thereto, in the ſecond Colume toward the right hand; which ſheweth that the Moone ſhineth 8. howers in the evening after the Sunne is ſet, and the Sunne the ſame day ſetts at 6. of the clocke and 50. minuts; whereto I put 8. and no minuts, the hower of the Table, and it maketh 14. howres and 50. minutes, from which I take 12. which is midnight, and there reſteth 2. howers and 50 minuts, which ſheweth that the Moone ſhall ſet the ſame day at two of the clocke and 50. minuts after midnight. Likewiſe the ſame day, the Sunne ryſeth at 5 of the clocke and ten minuts after, to which I adde 8. and it makes 13. howers and ten minuts: from theſe I take 12 (for that is noone,) and there reſts one hower and ten minuts: which ſheweth that at one of the clocke and ten minuts after noone, the Moone ryſeth, though to vs vnſeene: And ſo for all other times.

Another

An other Example.

THe 19. day of Aprill 1617. I find the Moone 25. dayes old, wherewith I enter the Table, the Moone decreasing, and find 4. howers and no minuts answering thereto: so I say, the Moone shines 4. howers and no minutes in the morning before the Sunne ryse: and the Sunne the same day ryseth at 4 of the clocke and 40. minuts after, whereto I put 12. howers, els could not the substraction be made, and it makes 16. howers and 40. minuts: from which I take 4. howers & no minuts, and there restes 12. howers and 40. minuts before midnight: at which instant, the Moone aryseth.

Also, the Moone being ten dayes old, and in the Sunne Diall she poynteth by the shadow of the fifth hower, from that I take 4, which answereth to 10. in the third Colume toward the right hand, because shee increaseth, and so resteth one, which shewes that it is one a clocke after midnight. Againe, shee being 20. dayes old, and poynteth in a Diall the 11. hower, thereto I adde 4. howers and no minute, and it maketh 15. howers full, thence I subduct 12. and there resteth three howers, the true hower of the night.

A Rule

A Rule to know the hower of the day, either afore noone or after, by the ſhaddow of the Sunne, and the length of a Ruler or Walking-ſtaffe.

FIrſt, yee muſt haue a Rule, or a Walking-ſtaffe, of what length you will, which you muſt deuide into twelue parts, as in the Figure following, (which ſo prepared:) When yee would know the hower of the day, ſet your Rule or Staffe vpright vpon a plaine euell Board or Ground, and take the iuſt length of the ſhadow, what parts of the Rule or Staffe it containeth, wherewith enter the Table following, and againſt the day of the Moneth ſeeke the length of the ſhadow, and in the head of the Table iuſt ouer it, yee ſhall ſee the hower of the day, either in the forenoone or after noone; for the Sunne hath like altitude at like diſtance from the Meridian line in the forenoone aſcending, and in the afternoone deſcending: If yee find not the iuſt length, take the greater number next to it in the forenoone; and in the afternoone take the leſſer next thereto, and each ſhall giue you the hower of the day paſt, or to come.

Here followeth the Figure.

A Prognostication.

A Table of the shaddow of the Sunne.

Before noone	12	11	10	9	8	7	6	5	4
After noone.	0	1	2	3	4	5	6	7	8
June.	12 1	6:	7	9.	12.	16	23	36:	72	453
	23 31	6:	7	9	12	16	23:	37	74:	565
	3 22	7.	7:	9	12	16:	24	39	82	2580
July.	14 12	7	8	10	13.	17:	26.	43.	100	
	24 31	8	8:	10:	14	19	28:	49	139:	
	3 21	9	9:	11:	15	21.	31:	58:	226	
August.	14 10	10	11	13.	16	23	36	76		
	24 31	11:	12	14:	18:	26:	43:	111:		
	3 21	13	14.	16:	21	30	54:	221:		
September.	14 11	15	16.	19.	24:	37	73:			
	24 28	17:	18:	22.	29.	45:	112			
	4 18	20	21:	25.	34:	61:	226:			
October.	14 8	23:	25	30	42	79:	6896			
	24 30	27:	29	35:	52	119				
	2 20	32.	34	42	65	209				
	13 10	36	39	49:	83	550				
Novemb.	22 31	40:	45:	57	104					
	2 22	43:	47.	62:	122					
Decemb.	12 00	45	49.	65.	131:					

Note this in this Table, that one Pricke following the Minute, diminisheth: Two, augmenteth some small quantitie.

January. 1 Febru. March. April. May. Iun.

The Staffe, or Ruler.

1	2	3	4	5	6	7	8	9	10	11	12.

Example.

Example.

I would know the 14. day of July, and the 12. of May, what hower of the day it is? I ſet vp my deuided Rule or Staffe, and the length of the ſhaddow is 17. parts long; that is, one time the length of the Staffe or Rule, and 5. parts more: which ſhewes that it is 8. of the clocke in the forenoone, or 4. of the clocke in the after noone: which is eaſily diſcerned, and the two pricks following the parts thus:, augmenteth the time ſome ſmall quantitie.

Another Example.

THe 5. of December, which day I cannot finde in my Table therefore I take the nert, and it is the 2. of December, for that is the nert to 5. and I ſet vp my Rule, and find the ſhaddow to be 52. parts, (which alſo I cannot finde in my Table,) and theſe 52. parts, is foure times the length of the Rule, and foure parts ouer; which ſought in the Table againſt the 2. day of December, (for ſo muſt yee alwayes doe, when the number yee ſeeke, is not preciſely found,) and becauſe I cannot 52. I take the neereſt leſſe, which is 47. and the nert aboue it is 62. the difference is 15. then take 47. from 52. and there reſtes 4. then try by the Rule of proportion, if 15. giue 60. (for ſo many Minuts be in one Hower) what ſhall 4. giue: multiply the ſecond by the third, that is 60. by 4. and the product or ofcome, will be 240. which ſhewes, that it is eyther 16. minuts before 11. in the forenoone. or 16. minuts after one in the afternoone: and the one pricke found with the parts. thus 47. diminiſheth the time ſome little quantity: And ſo of all other; which in my opinion, is a preciſe Horologie, though at the firſt it ſeeme ſomewhat hard: But, Nil tam difficile eſt, quod non ſolertia vincat.

Rules of Mensuration.

The Circumference of the Earth is 21600. Italian Miles, or 7200. Leagues: a League is 3. Miles English. Diameter of the Earth is 6872. $\frac{8}{11}$. Italian Miles: halfe of those is the Semidyameter.

The Sunne by violence of his proper motion, is carryed round about the Earth in 24. howers. I demaund how farre the Sunne is carryed in one Howre. 15. Degrees maketh an Howre, and euery Minute yeeldeth a Mile, and euery Degree is 60. Miles? Now I multiply 15. Degrees with 60 Minuts, and it yeeldeth 900. then I say, that the Sunne is carryed by the rauishment of the Firmament 900. Miles in an Howre.

Three Barly cornes taken endyth of the middest of the Eare, layde end to end, make an Inch, 12. Inches a Foote. 3. Foote a Yard, 5 Yards and a halfe a Pearch, 40. Pearches in length and 4. in breath an Acre, 4 in breadth and 10. in length a Roode, or quarter of an Acre: so that an Acre hath 43560. square Feete, 4840. square Yards, and 160. square Pearches.

Also, an English Mile is 8. Furlongs 320. Pearches, 1056. Paces, 1408 Eiles, 1760. Yardes, 5280. Feete, 63360. Inches. 190080. Barly cornes in length.

Of Naturall causes, and first of Raine.

Raine is a cold vapour, a fumositie out of Waters or Earth, drawen vp by the vertue of the Sunne, to the neather part of the middle space of the Ayre, there through cold thickned, then dissolued: thus ingendred, falleth on the Earth. Heere I leaue to speake of miraculous Raines, as Milke, Blood, &c.

Frost

Frost and Deaw.

ROs estate, pruina hieme fit. Deaw is a moyst Vapour, a little way drawne vp in the day thorow faint heate of the Sunne, and descendeth in the night, dissolueth on the Earth, there congelated, and dissolued into Water; the one called Frost, the other Deaw. The last, is a signe of fayre weather, in the Spring or Harueſt.

Of Snow.

NIx humor modice concretus, it is a Moyst Vapour, drawne vp to the middle Region of the Ayre, then thickned, and frozen into the body of a Cloude: So congelated, descendeth.

Of Hayle.

GRando Pluuia in descensu congelata, A Cloude resolued into Water, in the fall congelated, maketh Hayle. The higher it commeth from aboue, and the longer it tarrieth in the Ayre, the rounder Hayle.

Of Windes.

VEntorum ergo materia, calida & sicca exhalatio, Winde is a multitude of dry exhalation drawens vp from the Earth: and aboue the Earth enforced here and there.

Of Thundring and Lightning.

THunder is the quenching of Fire in a Cloude: Or thus, for the Learned; Tonitruum somitus est, qui editur, quando nubem rumpit halitus. Fulmen flamma vel repentinus est ignis, qui ex collisione nubium, aut ruptura nascitur.

The naturall cause of the Sunnes Eclipse.

THe Eclipse of the Sunne, is nothing els but the direct putting the body of the Moone betweene the Sunne and the Earth, or betweene our sight and the Sunne: Which accident is onely at the change of the Moone.

A Prognoſtication.

The naturall cauſe of the Moones Eclipſe.

THe Sunne being in the contrary poynt to the full Moone, inforceth the ſhaddow of the Earth, then put betweene the Sunne and the Moone, toward the Moone, hiding more or leſſe of the Moone, as ſhe differeth from the Eclipticke line. Vniuerſalis eſt, Eclipſis Lunæ, Non ſemper in plenilunio, ſed in cau. et cauda.

The Fayres of the Towne of *Derbie* this preſent yeare 1617.

APrill, the 25. being Fryday in Eaſter weeke. May, the 4. June 13. being Fryday in Whitſon weeke. June 19. July the 25. being S. James day. September the 26.

Laus tibi ſit Chriſte quoniam liber explicit iſte:
Dextræ ſcriptoris benedic precor omnibus horis.

FINIS.

BIBLIOTHECA
LAMBETHANA